

Supplemental Table 1: *A. fumigatus* strains used in this study.

Name	Genotype	Reference
<i>akuB</i> ^{KU80}	\DeltaakuB ; <i>pyrG</i> -	da Silva Ferreira <i>et al.</i> , 2006
$\Delta rlmA$	$\Delta rlmA::pyrG$; \DeltaakuB	This study
$\Delta rlmA::rlmA^+$	$\Delta rlmA::rlmA^+$; \DeltaakuB	This study
$\Delta rlmA$ <i>pyrG</i> -	$\Delta rlmA$; \DeltaakuB	This study
<i>rlmA::gfp</i>	<i>rlmA::gfp</i> ; \DeltaakuB	This study
<i>pkcA</i> ^{G579R}	<i>pkcA</i> ^{G579R} :: <i>pyrG</i> ; \DeltaakuB	Rocha <i>et al.</i> , 2015
$\Delta mpkA$	$\Delta mpkA$; \DeltaakuB	Valiante <i>et al.</i> , 2009
$\Delta rlmA$; <i>pkcA</i> ^{G579R}	$\Delta rlmA$; <i>pkcA</i> ^{G579R} ; \DeltaakuB	This study
$\Delta rlmA$; $\Delta mpkA$	$\Delta rlmA$; $\Delta mpkA$; \DeltaakuB	This study
<i>pkcA</i> ^{G579R} ; $\Delta mpkA$	<i>pkcA</i> ^{G579R} ; $\Delta mpkA$	This study
MAF 6.6	<i>PagsA::mluc</i> ; \DeltaakuB	This study
MAF 8.1	$\Delta rlmA$; <i>PagsA::mluc</i> ; \DeltaakuB	This study

References

- da Silva Ferreira, M.E., Kress, M.R., Savoldi, M., Goldman, M.H., Hartl, A., Heinekamp, T., *et al.*, (2006) The *akuB*(KU80) mutant deficient for nonhomologous end joining is a powerful tool for analyzing pathogenicity in *Aspergillus fumigatus*. *Eukaryot Cell* **5**: 207-211.
- Rocha, M.C., Godoy, K.F., de Castro, P.A., Hori, J.I., Bom, V.L., Brown, N.A., *et al.*, (2015) The *Aspergillus fumigatus* *pkcA*^{G579R} Mutant Is Defective in the Activation of the Cell Wall Integrity Pathway but Is Dispensable for Virulence in a Neutropenic Mouse Infection Model. *PLoS One* **10**: e0135195.
- Valiante, V., Jain, R., Heinekamp, T. and Brakhage, A.A., (2009) The MpkA MAP kinase module regulates cell wall integrity signaling and pyomelanin formation in *Aspergillus fumigatus*. *Fungal Genet Biol* **46**: 909-918.